



IN THE EVENT OF A CHEMICAL EMERGENCY INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CONTACT THE BELOW NUMBERS.

EMERGENCY 24 HOUR NUMBER

CHEMTREC 1-800-424-9300 (USA)
CANUTEC 1-613-996-6666 (Canada)

GENERAL INFORMATION NUMBER

USA 1-954-246-8888
Canada 1-450-662-1212

Material Safety Data Sheet

CONSUMER PRODUCT SAFETY COMMISSION STATEMENT

CAUTION - SKIN, EYE AND RESPIRATORY IRRITANT. CONTAINS KNOWN OR PROBABLE HUMAN CARCINOGEN. HARMFUL OR FATAL IF SWALLOWED.

US Department of Transportation and Canadian Transportation of Dangerous Goods Classification

Not Regulated

IDENTITY (As shown on label):

Keraflor™ Concentrate

SECTION I - GENERAL INFORMATION

MANUFACTURER:

<u>USA</u>	<u>Canada</u>
MAPEI CORPORATION	MAPEI, INC.
1144 East Newport Center Drive	2900 Francis-Hughes Avenue
Deerfield Beach, FL 33442	Laval, QC H7L 3J5
Ph: (954) 246-8888	Ph: (450) 662-1212

PREPARED BY:

Regulatory Affairs Department - North America

PRINT DATE:

Thursday, April 15, 2004

SECTION II - PHYSICAL CHARACTERISTICS

Maximum VOC	N/A
Boiling Point	N/A
Vapor Pressure (mmHg)	N/A
Vapor Density (AIR=1)	N/A
Specific Gravity (H2O=1)	1,60 - 2,00
Melting Point (F)	N/E
Evaporation Rate (Butyl Acetate=1)	N/A
Solubility in water	Negligible
Appearance and Odor	Tan powder. No significant odor.
pH (paste)	N/E

VOC calculated per (Rule 1168, South Coast Air Quality District - California)

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (specific chemical identity; common names):	OSHA (PEL)	ACGIH (TLV-TWA)	Other Limits Recommended	% Percent (Optional)
Silica Sand, Crystalline Quartz (CAS# 14808-60-7)	10mg/m ³	0,1mg/m ³	(Respirable dust only.)	90 - 100
Cellulose (CAS# 9004-34-6)	15mg/m ³	10mg/m ³	(Total dust)	<10

FOR CALIFORNIA: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE TOXICITY.

ALL INGREDIENTS ARE LISTED WITH OR EXEMPTED ON TSCA AND DSL.

(USA) - HMIS (Hazardous Materials Identification System) Rating: Health - 2 Fire - 0 Reactivity - 0 Protection - E

(Canada) - WHMIS (Workplace Hazardous Materials Information System) Classifications: D2A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point -	Lower Explosive Limit (%) - N/E	Upper Explosive Limit (%) - N/E
Extinguishing Media		

Will not burn except under extreme temperatures. Water spray, carbon dioxide, dry chemical or foam.

Special Fire Fighting Procedures

Wear standard fire fighting gear with self-contained breathing apparatus.

Unusual Fire and Explosion Hazards

Some decomposition products may be harmful.

SECTION V - REACTIVITY DATA

STABILITY: Stable

Conditions to Avoid None known.

Incompatibility (Materials to Avoid)

Strong oxidizing agents, strong acids, and strong bases.

Hazard Decomposition of By-products

Carbon monoxide, carbon dioxide, oxides of nitrogen, and other unidentified organic compounds.

POLYMERIZATION: Will Not Occur

Conditions to Avoid

None known.

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY: Inhalation? YES Skin? YES Ingestion? NO

HEALTH HAZARDS (ACUTE AND CHRONIC)

Acute: Inhalation or contact can cause irritation to eyes, skin, nose or throat to sensitive people. If ingested can cause nausea, vomiting, griping, and diarrhea.

Chronic: Repeated (long term) inhalation of dust may result in silicosis.

CARCINOGENICITY: NTP - YES IARC - NO OSHA - NO

Crystalline Silica - NTP Rating 1

Signs and Symptoms of Overexposure

Dry skin, dermatitis, dry cough, irritated eyes from dust or any other potential adverse condition related to the alkaline nature of wet cement.

Medical Conditions That Can Be Aggravated by Exposure

Allergies, skin and respiratory disorders. Product sensitivity.

EMERGENCY AND FIRST AID PROCEDURES

Eyes - Flush with cool water for 15 minutes while holding eyelid open. If irritation persists, seek medical attention immediately.

Skin - Avoid contact with skin. Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation persists, seek immediate medical attention.

Inhalation - Remove to fresh air. If not breathing, trained personnel should initiate artificial respirations and immediate medical attention should be obtained.

Ingestion - Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if Material is Leaked or Spilled

Wear protective equipment. Contain by diking with inert absorbent materials and put into an approved waste container.

Waste Disposal Method

Dispose in accordance to local environmental regulation.

Precautions to be taken during Handling and Storage

Store in a manner to prevent dusty conditions.

Other Precautions

Avoid prolonged skins contact.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: During work with dry product it is recommended to wear a NIOSH APPROVED PARTICULATE FILTER RESPIRATOR RATED N95 (42 CFR 84).

VENTILATION:

Local Exhaust

Use in WELL VENTILATED areas only.

Special

N/A

Mechanical

Use only intrinsically safe devices.

Other

N/A

Eye Protection - Safety glasses or goggles as necessary to prevent eye contact.

Protective Gloves - Impervious. (Nitrile, rubber, or better)

Other Protective Equipment - As needed to minimize contact with skin.

WORK AND HYGIENE PRACTICE

Remove contaminated clothing immediately. Wash hands, after each use and before eating, drinking, or using toiletries. Minimize contact of product on skins.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. MAPEI assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.